

STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

Operator: NASHVILLE, CITY OF	Operator ID#: 13030
Inspection Date(s): 7/2/2014	Man Days: 1
Inspection Unit: NASHVILLE, CITY OF	
Location of Audit: Nashville	
Exit Meeting Contact: Blaine Middleton	
Inspection Type: Standard Inspection - Field Audit	
Pipeline Safety Representative(s): Aaron McElravy	
Company Representative to Receive Report: Blaine Middleton	
Company Representative's Email Address: nashvillepw@sbcglobal.net	

Headquarters Address Information:	190 N. East Court Street Nashville, IL 62263 Emergency Phone#: (618) 327-8918 Fax#:	
Official or Mayor's Name:	Raymond Kolweier Phone#: (618) 327-8918 Email:	
Inspection Contact(s)	Title	Phone No.
Blaine Middleton	Utility Superintendent	(618) 327-8918

CUSTOMER METER & REGULATOR		Status
<u>Category Comment:</u>		
Staff inspected customer meters and regulators at the following locations for protection from damage, venting requirements, misalignment indicating stress and locking devices used to prevent authorization.		
Location	Address	
Customer Meter (Church) #146855	419 W. St. Louis	
Customer Meter #5771617	481 E. Walnut	
Customer Meter (Church) #WS1674805	330 N. Buhrman	
Customer Meter #207209D	364 N. Buhrman	
Customer Meter #3527035	431 E. Walnut	
Customer Meter #200927	387 E. Walnut	
Customer Meter (Church) #10L872092	250 N. Mill Street	
Customer Meter #1034131	396 E. Walnut Street	
Customer Meter #183969	428 E. Walnut Street	
Customer Meter	450 E. Walnut Street	
Customer Meter #9346782	482 E. Walnut Street	
Customer Meter #2101360	285 N. Broadway	

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Customer Meter # 6865600	N. Broadway
Customer Meter	236 N. Broadway
Customer Meter (Church) #147359	631 S. Mill Street
Customer Meter (School) # 3900441	631 S. Mill Street
Nashville High School # 0418685	1300 S. Mill Street
Nashville Middle School # 9827137	750 E Gorman Street
Customer Meter # 284490	863 Heaman Dr.
Customer Meter	824 Heaman Dr.
Customer Meter	780 Heaman Dr.
Customer Meter # 5049933	730 Heaman Dr.
Customer Meter # 16422121	861 Heaman Dr.

[192.353(a)]	Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated?	Satisfactory
[192.355(b)(1)]	Is the customer regulator vent rain and insect resistant?	Satisfactory
[192.355(b)(2)]	Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?	Satisfactory
[192.355(b)(3)]	Is the vent protected from damage caused by submergence in areas of flooding?	Satisfactory
[192.357(a)]	Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?	Satisfactory
[192.357(d)]	Is a customer regulator that might release gas vented to the outside atmosphere?	Satisfactory
[192.359(a)]	Is the meter operating pressure within the allowable limits of the meter case rating?	Satisfactory
[192.365(a)]	Is the service line valve upstream of the regulator or meter?	Satisfactory
[192.365(c)]	Is the underground service line valve located in a curb box or standpipe that allows for ready operation?	Not Applicable

General Comment:

The City of Nashville's gas system does not contain underground service line valves.

[192.727(d)][192.727(d)]	When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage?	Satisfactory
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General Comment:

During the field audit Staff observed a lock preventing unauthorized usage at 863 Heaman Dr.

CATHODIC PROTECTION		Status
[192.463(a)]	Is the applicable cathodic protection criteria contained in Appendix D of this part being followed?	Satisfactory

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[192.465(a)]	Were pipe to soil readings taken?	Satisfactory																																																																											
<u>General Comment:</u> <i>Staff inspected the following locations for cathodic protection requirements.</i>																																																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Location</th> <th style="width: 30%;">Address</th> <th style="width: 40%;">Pipe-to-Soil Reading</th> </tr> </thead> <tbody> <tr><td>Town Border Station</td><td>Enterprise & Rt. 127</td><td>-1.29 Volts</td></tr> <tr><td>Customer Meter #5771617</td><td>481 E. Walnut</td><td>-1.02 Volts</td></tr> <tr><td>Customer Meter (Church) #WS1674805</td><td>330 N. Buhrman</td><td>-.94 Volts</td></tr> <tr><td>Customer Meter #207209D</td><td>364 N. Buhrman</td><td>-.98 Volts</td></tr> <tr><td>Customer Meter #3527035</td><td>431 E. Walnut</td><td>-.98 Volts</td></tr> <tr><td>Customer Meter #200927</td><td>387 E. Walnut</td><td>-.99 Volts</td></tr> <tr><td>Customer Meter (Church) #10L872092</td><td>250 N. Mill Street</td><td>-.99 Volts</td></tr> <tr><td>Customer Meter #1034131</td><td>396 E. Walnut Street</td><td>-.99 Volts</td></tr> <tr><td>Customer Meter #183969</td><td>428 E. Walnut Street</td><td>-.99 Volts</td></tr> <tr><td>Customer Meter</td><td>450 E. Walnut Street</td><td>-.99 Volts</td></tr> <tr><td>Customer Meter #9346782</td><td>482 E. Walnut Street</td><td>-1.00 Volts</td></tr> <tr><td>Customer Meter #2101360</td><td>285 N. Broadway</td><td>-.98 Volts</td></tr> <tr><td>Customer Meter (Church) #146855</td><td>419 W. St. Louis</td><td>-1.14 Volts</td></tr> <tr><td>Customer Meter # 6865600</td><td>N. Broadway</td><td>-1.15 Volts</td></tr> <tr><td>Customer Meter</td><td>236 N. Broadway</td><td>-1.00 Volts</td></tr> <tr><td>Customer Meter (Church) #147359</td><td>631 S. Mill Street</td><td>-1.13 Volts</td></tr> <tr><td>Customer Meter (School) # 3900441</td><td>631 S. Mill Street</td><td>-1.14 Volts</td></tr> <tr><td>Nashville High School # 0418685</td><td>1300 S. Mill Street</td><td>-1.21 Volts</td></tr> <tr><td>Nashville Middle School # 9827137</td><td>750 E Gorman Street</td><td>-1.16 Volts</td></tr> <tr><td>Customer Meter # 284490</td><td>863 Heaman Dr.</td><td>-1.11 Volts</td></tr> <tr><td>Customer Meter</td><td>824 Heaman Dr.</td><td>-1.09 Volts</td></tr> <tr><td>Customer Meter</td><td>780 Heaman Dr.</td><td>-1.09 Volts</td></tr> <tr><td>Customer Meter # 5049933</td><td>730 Heaman Dr.</td><td>-1.08 Volts</td></tr> <tr><td>Customer Meter # 16422121</td><td>861 Heaman Dr.</td><td>-1.08 Volts</td></tr> </tbody> </table>			Location	Address	Pipe-to-Soil Reading	Town Border Station	Enterprise & Rt. 127	-1.29 Volts	Customer Meter #5771617	481 E. Walnut	-1.02 Volts	Customer Meter (Church) #WS1674805	330 N. Buhrman	-.94 Volts	Customer Meter #207209D	364 N. Buhrman	-.98 Volts	Customer Meter #3527035	431 E. Walnut	-.98 Volts	Customer Meter #200927	387 E. Walnut	-.99 Volts	Customer Meter (Church) #10L872092	250 N. Mill Street	-.99 Volts	Customer Meter #1034131	396 E. Walnut Street	-.99 Volts	Customer Meter #183969	428 E. Walnut Street	-.99 Volts	Customer Meter	450 E. Walnut Street	-.99 Volts	Customer Meter #9346782	482 E. Walnut Street	-1.00 Volts	Customer Meter #2101360	285 N. Broadway	-.98 Volts	Customer Meter (Church) #146855	419 W. St. Louis	-1.14 Volts	Customer Meter # 6865600	N. Broadway	-1.15 Volts	Customer Meter	236 N. Broadway	-1.00 Volts	Customer Meter (Church) #147359	631 S. Mill Street	-1.13 Volts	Customer Meter (School) # 3900441	631 S. Mill Street	-1.14 Volts	Nashville High School # 0418685	1300 S. Mill Street	-1.21 Volts	Nashville Middle School # 9827137	750 E Gorman Street	-1.16 Volts	Customer Meter # 284490	863 Heaman Dr.	-1.11 Volts	Customer Meter	824 Heaman Dr.	-1.09 Volts	Customer Meter	780 Heaman Dr.	-1.09 Volts	Customer Meter # 5049933	730 Heaman Dr.	-1.08 Volts	Customer Meter # 16422121	861 Heaman Dr.	-1.08 Volts
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[192.465(b)]	Were rectifier installations inspected?	Satisfactory																																																																											
<u>General Comment:</u> <i>The rectifier is located at the intersection of Richview & Alabama Road, Staff obtained the following readings.</i> 6 Volts & 4amps.																																																																													
[192.465(a)]	Were isolated mains/services tested?	Not Checked																																																																											
<u>General Comment:</u> <i>Staff did not identify isolated mains or services during the field audit.</i>																																																																													
[192.465(c)]	Were critical/non critical bonds tested?	Not Applicable																																																																											
<u>General Comment:</u> <i>The City of Nashville's gas system does not contain critical or non-critical bonds.</i>																																																																													
[192.467(a)]	Is electrical isolation provided by use of insulated meter spud, valve, union, or flange?	Satisfactory																																																																											

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[192.467(c)]	Were casings installations tested for electrical isolation?	Satisfactory
<u>General Comment:</u> <i>The following casings were inspected during the field audit.</i> <i>N Broadway & Railroad</i> <i>1340 S Box Street</i>		
[192.479(a)]	Is the above ground piping coated or painted as required?	Satisfactory
[192.479(c)]	Is the pipeline free of corrosion or pitting?	Satisfactory
DAMAGE PREVENTION		Status
<u>Category Comment:</u> <i>During the field audit Staff observed the marking of gas facilities due to a planned excavation. The facilities were marked with paint and flags, adjacent facilities were checked to ensure their location.</i> <i>Locate request # A1822204</i>		
[192.614]	Does the operator have a valid notification of planned excavation activities?	Satisfactory
[265.40(a)]	Did the operator complete the locating activities in the specified timeframe?	Satisfactory
[192.614(c)(5)]	Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?	Satisfactory
[192.707(a)(1)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?	Satisfactory
<u>General Comment:</u> <i>Line Markers were checked at the following locations.</i> <i>Richview & Alabama Rd.</i> <i>Take Point Richview Rd.</i>		
[192.707(a)(2)]	Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?	Satisfactory
[192.707(c)]	Are line markers placed and maintained as close as practical over each main and transmission line located above ground?	Satisfactory
[192.707(d)(1)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke?	Satisfactory
[192.707(d)(2)]	Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line	Satisfactory

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	marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?	
PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)		Status
[192.739(a)(4)]	Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?	Satisfactory
<u>General Comment:</u> <i>Staff inspected the following pressure limiting and regulating equipment during the field audit.</i> <i>Take Point - Richview Rd.- No Pressure Regulation 160psig</i> <i>Overpressure Protection- Richview Rd.</i> <i>Town Border Station- Inlet 156psig, Outlet 18psig</i> <i>Enterprise Avenue & Rt. 127 Station- Inlet 156psig, Outlet 50psig</i>		
[192.317(b)]	Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?	Satisfactory
[192.741(a),192.741(c)]	Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?	Satisfactory
[192.743(a)]	Is overpressure protection provided on the pipeline down stream of the take point?	Satisfactory
[192.199(d)]	Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?	Satisfactory
[192.199(e)]	Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard?	Satisfactory
[192.199(h)]	Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?	Satisfactory
VALVE MAINTENANCE		Status
[192.747(a)]	Were the valves inspected accessible?	Satisfactory
<u>General Comment:</u> <i>Emergency Valves were inspected for accessibility at the following locations.</i> <i>#3 Rt. 127</i> <i>#2 Rt. 127</i> <i>#193 Enterprise Avenue</i> <i>#139,140,141 N Buhrman & Walnut Street</i> <i>#143,144,126 N Broadway & W. Walnut Street</i> <i>#67,87 S. Heaman & E. Gorman Street</i> <i>#18 N. Broadway and Railroad</i>		
ODORIZATION OF GAS		Status
[192.625(a)]	Was the odor intensity level readily detectable at or below 1/5th LEL?	Satisfactory

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<u>General Comment:</u> An odorant reading was obtained during the field audit with a Heath Odorator Serial #2656-5 (Calibration due 9-9-2014). Initial Reading .08% gas in air. RD Reading .17 % gas in air.		
[192.625(e)]	Was the Odorization equipment and tank levels inspected?	Satisfactory
<u>General Comment:</u> The odorization equipment is located at the take-point, the tank level indicated 45#.		
[192.625(f)]	Was the operator's equipment calibrated as required?	Satisfactory
TRANSMISSION		Status
<u>Category Comment:</u> The City of Nashville's gas system does not contain transmission pipelines.		
[192.179(b)(1)]	Are transmission valves protected from tampering or damage?	Not Applicable
[192.745(a)]	Were the valves inspected accessible?	Not Applicable
[192.719(a)]	Is pre-tested transmission pipe inventory maintained for use in an emergency?	Not Applicable
MARKING OF MATERIAL		Status
[192.63(a)]	Does the operator's components and pipe contain the required markings?	Not Checked
<u>General Comment:</u> Staff did not inspect inventory or materials to verify the required markings.		
OPERATOR QUALIFICATION		Status
Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?		No

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